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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/784,495	02/15/2001	David Halpert	Framework/Patent	1152

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EXAMINER
SALAD, ABDULLAHI ELMI

ART UNIT	PAPER NUMBER
2157	

DATE MAILED: 12/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on _13 March 2002_.

2a) ☐ This action is **FINAL**.　　2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) _1-90_ is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☒ Claim(s) _67-82_ is/are allowed.

6) ☒ Claim(s) _1-16,63-66 and 83-90_ is/are rejected.

7) ☒ Claim(s) _17-62_ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on _16 May 2001_ is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a) ☐ All　b) ☐ Some * c) ☐ None of:

　　　1. ☐ Certified copies of the priority documents have been received.

　　　2. ☐ Certified copies of the priority documents have been received in Application No. _____.

　　　3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
　　Paper No(s)/Mail Date _12/9/2004_.

4) ☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1.   This application has been reviewed. Original claims 1-90 are pending. The

rejection cited stated below.

Allowable Subject Matter

2.   Claim 17-62 objected to as being dependent upon a rejected base claim, but

would be allowable if rewritten in independent form including all of the limitations of the

base claim and any intervening claims.

3.   The following is a statement of reasons for the indication of allowable subject

matter: None of the prior art of record teaches or suggests a method of transferring

application-generated structured data from a client to a server, such that information

structures specified by the data can be automatically expanded into corresponding

information structures displayable by a website in communication with the server,

wherein the client contains an Inbox Control comprising an ActiveX control that

functions as a drop target in a Graphical User Interface image presented by the website,

and the Inbox Control functions to accept the dropped data.

4.   Claims 67-72 are allowed.

5.   The following is a statement of reasons for the indication of allowable subject

matter: None of the prior art of record teaches or suggests a method for replicating, on

a website in communication with a server, representations of application-specific

structured data originating on a client, the method comprising the steps of: activating an

Internet connection between the client and the server; activating a browser program at

the client, the browser program including a GUI, sending to the client via the Internet a

hypertext document containing information representative of a drop zone displayable on

the GUI, for receiving, via a GUI drag-and-drop operation, a file, receiving, via the drop

zone, an application-specific file containing a data object characteristics of an

application program used to create the file; converting the application-specific file into

application-independent data, sending the application-independent data over a

connection to the server; expanding the application-independent data into structured

data at the server, the structured data at the server specifying an information structure

corresponding to information structures specified by the application-specific file, and

generating an event, based on the structured data at the server, to modify the web site

in communication with the server to create the specified information structure.

6.   Claims 73-82 are allowed.

7.   The following is a statement of reasons for the indication of allowable subject

matter: None of the prior art of record teaches or suggests a method for replicating, on

a website in communication with a server, representations of application-specific

structured data originating on a client, the method comprising the steps of: obtaining

application-specific data at the client, passing the application-specific data to two or

more bidding data processor elements; causing each of the bidding processors to

interpret the application-specific data, causing each of the bidding processors to

generate a bid representative of the ability of the submitting processor to convert the

application-specific data into application-independent data, selecting, on the basis of the

generated bids, one of the bidding processors to convert the application-specific data;

causing the selected bidding component to convert the application-specific data into

application-independent data; sending the application-independent data over a

connection to the server, expanding the application-independent data into structured

data at the server, the structured data specifying representations corresponding to the

application-specific data originating on the client; and generating an event, based on the

structured data at the server, to modify the web site in communication with the server to

create the specified information structure.

Claim Rejections - 35 USC § 102

8.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

9.   Claims 1-16, 63-66 and 83-90 are rejected under 35 U.S.C. 102(e) as being

anticipated by Thackston U.S. Patent No. 6,295,513[hereinafter Thackston].

As per claim 1, Thackston discloses a method of transferring application-generated

structured data from a client to a server, such that information structures specified by

the data can be automatically expanded into corresponding information structures

displayable by a website in communication with the server, the method including the

steps of:

providing an interface at the client for accepting application-generated structured data

(see fig. 2 and col. 8, line 66 to col. 9, line 52), converting into a source-independent

format the accepted application-generated structured data, thereby to generate a

source-independent data package(see col. 21, lines 40-60), transmitting to the server

the source-independent data package, receiving at the server the source-independent

data package, and creating or modifying on the server, in accordance with the received

source-independent data package, information structures corresponding to the

information structures specified by the application-generated structured data (see col.

23, line 61 to col. 24, line 14).

As per claim 2, Thackston discloses the method of claim 1 wherein the structured data

contains embedded information providing description about organization, hierarchical

decomposition or source of the data (see col. 21, lines 40-60),

As per claim 3, Thackston discloses the method of claim 2 wherein the structured data

is CAD data (see col. 21, lines 15-60).

As per claim 4, Thackston discloses the method of claim 3 wherein the structured data

contains embedded information providing description about organization of a three-

dimensional design into assemblies, sub-assemblies and parts (see col. 21, lines 15-

60).

As per claim 5, Thackston discloses the method of claim 4 wherein the CAD data is created by a CAD software tool (see col. 21, lines 15-60).

6. The method of claim 5 wherein the CAD software tool is Solidworks or ProEngineer (see col. 23, lines 61-67).

As per claim 7, Thackston discloses the method of claim 2 wherein the structured data is representative of a project schedule (see col. 28, lines 5-25).

As per claim 8, Thackston discloses the method of claim 7 wherein the structured data is produced by Microsoft Project (see col. 28, lines 5-25).

As per claim 9, Thackston discloses the method of claim 8 wherein the structured data includes information about tasks and sub-tasks of the schedule (see col. 28, lines 5-25).

As per claim 10, Thackston discloses the method of claim 2 wherein the structured data is produced by Microsoft PowerPoint (see col. 28, lines 5-25).

As per claim 11, Thackston discloses the method of claim 2 wherein the structured data is produced by Microsoft Excel (see col. 28, lines 5-25)..

As per claim 12, Thackston discloses the method of claim 1 wherein the client runs a process to determine which of a plurality of document handlers is to be used to process the structured data (see fig. 2 and col. 8, line 66 to col. 9, line 52).

As per claim 13, Thackston discloses the method of claim 1 wherein the converting step includes the step of interpreting the structured data and creating an ApXML file representative of the application-generated structured data (see col. 22, lines 11-49).

As per claim 14, Thackston discloses 14. The method of claim 13 wherein the interpreting step is executed by the client, which runs a document handler that interprets the structured data in the designated file directly or by opening the creating application and interrogating the creating application through an API to obtain the structured data(see col. 22, lines 11-49).

As per claim 15, Thackston discloses the method of claim 14 wherein, following interpretation of the structured data, the client packages all relevant data, including ApXML and graphics files or other information items, and then causes the package to be transferred to the server (see col. 22, lines 11-49).

As per claim 16, Thackston discloses the method of claim 15 wherein the server, following receipt of the package, interprets the ApXML and in response to the

interpretation of the ApXML and supporting files, creates or modifies information

structures on the website in accordance with information contained in the ApXML and

supporting files (see col. 22, lines 11-49).

As per claim 63, Thackston discloses a method for replicating, on a website in

communication with a server, representations of application-specific structured data

originating on a client, the method comprising the steps of:

obtaining application-specific data at the client, where the application-specific data can

be generated by any of a number of application programs(see fig. 2 and col. 8, line 66

to col. 9, line 52);

converting the application-specific data into an application-independent format to create

an application-independent data bundle(see col. 21, lines 40-60);

sending the application-independent data bundle over the communications network to

the server(see col. 23, line 61 to col. 24, line 14).

expanding the neutrally-formatted data bundle into structured data at the server, the

structured data at the server specifying representations corresponding to the

application-specific structure data that originated on the client(see col. 23, line 61 to col.

24, line 14); and

generating events to modify the web site in communication with the server to create the

specified representations (see col. 23, line 61 to col. 24, line 14).

As per claim 64, Thackston disclose the method of claim 63 wherein the application-independent format utilizing an extensible markup language (see col. 28, lines 5-25).

As per claim 65, Thackston discloses the method of claim 64 wherein the application-specific data includes structured data (see col. 28, lines 5-25).

As per claim 66, Thackston discloses the method of claim 1 comprising the further step of maintaining back references from the structured data at the server to the corresponding application-specific data at the client (see col. 28, lines 5-25).

As per claim 83, Thackston discloses the method of transferring application-generated structured data from a client to a server, such that information structures specified by the data can be automatically expanded into corresponding information structures displayable by a website in communication with the server, the client having a set of Data Clients, the method including the steps of:

providing an interface at the client for accepting application-generated structured data, selecting a Data Client (processing module 932) to process the application-generated structured data (see fig. 2 and col. 8, line 66 to col. 9, line 52);

converting the accepted application-generated structured data, by the selected Data Client, into a source-independent format, thereby to generate a source-independent data package, transmitting to the server the source-independent data package (see col. 21, lines 40-60), receiving at the server the source-independent data package, and

creating or modifying on the server, in accordance with the received source-

independent data package, information structures corresponding to the information

structures specified by the application-generated structured data(see col. 23, line 61 to

col. 24, line 14).

As per claim 84, Thackston discloses the method of claim 83 wherein new Data Clients

can be added and registered with the system, whereby the set of Data Clients is

extended (col. 8, line 66 to col. 9, line 52).

As per claim 85, Thackston discloses the method of claim 84 wherein the client

interface accepts a plurality of application-generated structured data sets col. 8, line 66

to col. 9, line 52).

As per claim 86, Thackston discloses the method of claim 85 wherein the plurality of

application-generated structured data sets may be generated by a plurality of

applications (see col. 21, lines 40-60).

As per claim 87,discloses the method of claim 85 wherein a plurality of Data Clients are

selected to convert application-specific structured data, each Data Client being

assigned one or more application-specific structured data sets (see col. 21, lines 40-60)

As per claim 88, Thackston discloses the method of claim 83 comprising the further step

of generating a thumbnail image representative of at least a portion of the information

structure (see col. 37, line 59 to col. 38, line 5).

As per claim 89, Thackston discloses the method of claim 88 comprising the further step

of generating a thumbnail image representative of a data object (see col. 37, line 59 to

col. 38, line 5).

As per claim 90, the claim include limitations similar to those of claim 1, thus claim 90 is

rejected same rational as claim 1.

Conclusion

10.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

11.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Salad E Abdullahi whose telephone number is 571-272-

4009. The examiner can normally be reached on 8:30 - 5:00. If attempts to reach the

examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can

be reached on 571-272-4001. The fax phone number for the organization where this

application or proceeding is assigned is 703-872-9306.

12.   Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Abdullahi Salad
Examiner Au 2157
12/8/2004